

## ► General data



Power supply unit, secondary switched-mode, input 120 V AC, output 4-13 V DC/250 mA, default 5 V DC

Order number	2940689
Type	EG 45-PS-120AC/ 5DC/250

Barcode number	4017918080204
Unit pack	1 Pcs.
Customs tariff	85044094000

## ► Technical data

### Input data

Nominal input voltage	120 V AC
Frequency range	50 Hz ... 60 Hz
Current consumption	Approx. 100 mA
Nominal power consumption	Approx. 12 VA
Power failure bypass	35 ms
Input fuse	Slow-blow (TR 5) (Internal, solderable)

### Output data

Nominal output voltage	4 V DC $\pm 2\%$ (Can be set up to 13 V DC. Default 5 V DC $\pm 4\%$ )
Output current	250 mA
Residual ripple	< 100 mV <sub>ss</sub>
Name of protection	Electronic disconnect at 1.3 x I <sub>N</sub>
Protective circuit/component	Varistor

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### General data

Width	45 mm
Height	107 mm
Depth	77 mm
Weight	539 g
Operating mode	100% operating factor
Test voltage input/output	4 kV AC
Degree of protection	IP 20
Ambient temperature (operation)	0 °C ... 60 °C
Installation position	On horizontal DIN rail
Assembly instructions	Can be aligned with spacing = 10 mm
Standards/regulations	prEN 50 178/DIN EN 50 178/VDE 0160
Standards/regulations	DIN VDE 0106-101:1986-11
Standards/regulations	DIN VDE 0551

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### Connection data, input

Screw thread	M 3
Stripping length	8 mm
Type of connection	Pluggable COMBICON screw terminal block
Min. conductor cross section AWG/kcmil	24
Conductor cross section AWG/kcmil max	14
Min. conductor cross section, rigid	0.2 mm <sup>2</sup>
Conductor cross section, rigid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Max. conductor cross section, flexible	2.5 mm <sup>2</sup>

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### Connection data, output

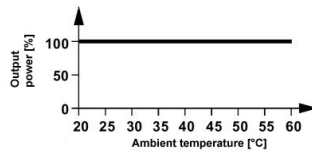
Stripping length	8 mm
Type of connection	Pluggable COMBICON screw terminal block
Min. conductor cross section AWG/kcmil	24
Conductor cross section AWG/kcmil max	14
Min. conductor cross section, rigid	0.2 mm <sup>2</sup>
Conductor cross section, rigid max.	2.5 mm <sup>2</sup>
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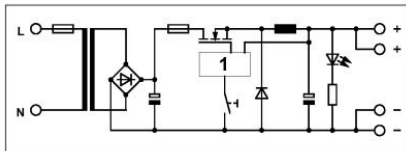
## ▸ Drawings

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### Diagram



### Circuit diagram



## ► Address

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